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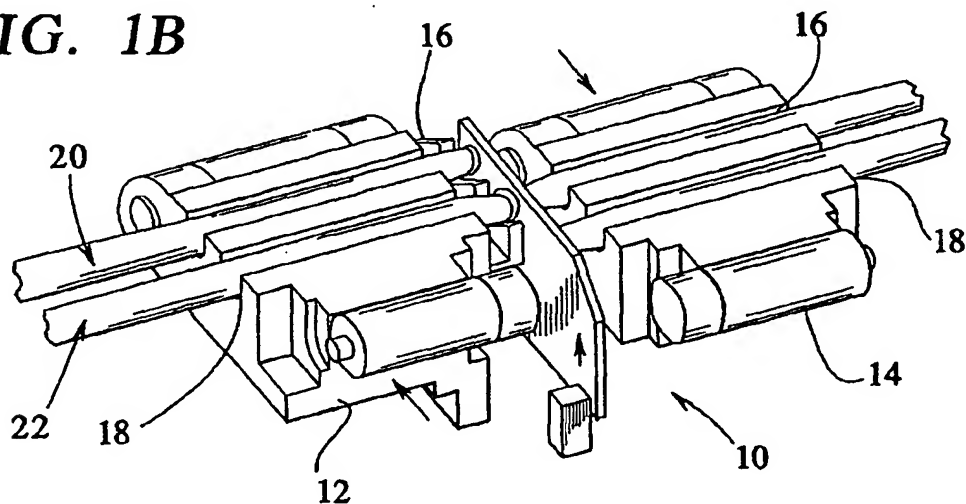
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(54) **Improved medical grade tubing and methods for coupling same**

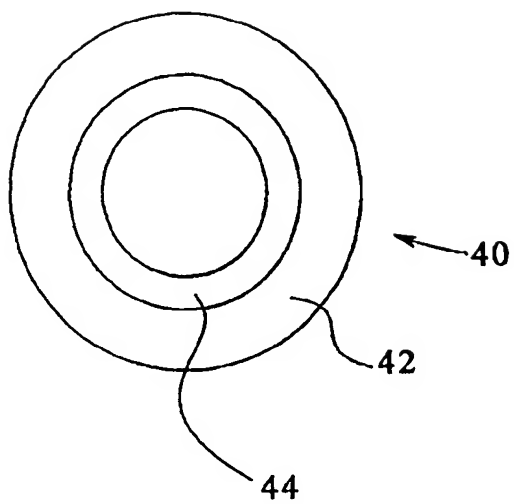
(57) A medical grade tubing that includes a layer of ultra low density polyethylene that has been let down, or drawn down, in diameter approximately 10% to about

50% in an extrusion process and an inner layer of an RF responsive material, the tubing allowing for the selective connection of the tubing to another tubing using a sterile welding device.

**FIG. 1B**



**FIG. 2**





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# EUROPEAN SEARCH REPORT

Application Number  
EP 99 30 0059

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 6)
Y	<p>WO 97 42020 A (BAXTER INT) 13 November 1997 (1997-11-13)</p> <p>* page 4, line 3 - line 8 * * page 4, line 28 - line 30 * * page 5, line 8 - line 11 * * page 6, line 10 - line 11 *</p>	1,3-10, 12-14, 16,17	B29C65/20 A61M39/10 B32B1/08
Y	<p>WO 98 00286 A (BAXTER INT) 8 January 1998 (1998-01-08)</p> <p>* page 8, line 13 - line 16 * * page 9, line 6 - line 32 * * page 16, line 1 - line 3; examples 1-3 *</p>	1,3-10, 12-14, 16,17	
			<p>TECHNICAL FIELDS SEARCHED (Int. Cl. 6)</p> <p>B29C B32B</p>
The present search report has been drawn up for all claims			
Place of search <b>THE HAGUE</b>		Date of completion of the search <b>14 February 2000</b>	Examiner <b>Attalla, G</b>
<p><b>CATEGORY OF CITED DOCUMENTS</b></p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons</p> <p>&amp; : member of the same patent family, corresponding document</p>			

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 99 30 0059

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on  
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14-02-2000

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